

ABSTRACT

5 A valve (100) includes a body (1) having a valve
seat (10) formed therein, a bonnet (2), a diaphragm (3)
supporting a valve element (18) abutting against and
moving away from the valve seat (10), and an elastic
member such as an O-ring (5). The body (1) is formed with
an annular groove (13) extending around the valve seat
10 (10), and the diaphragm (3) is provided at the peripheral
edge (20) with an annular engagement part (21) formed to
have an approximate L-shape in cross-section. The annular
engagement part (21) is inserted into the annular groove
15 (13) in a tight state by the elastic member disposed
between the bonnet (2) and the annular engagement part
(21) of the diaphragm (3).